

Comparisons of Job Characteristics

Focus Occupation: Social Science Research Assistants (19-4061)

Associated Occupation: Industrial-Organizational Psychologists (19-3032)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 61

Focus Occupation: Social Science Research Assistants (19-4061)

Associated Occupation: Industrial-Organizational Psychologists (19-3032)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Personnel and Human Resources	5.6	23.1	4.8	<<	Extensive education and/or training may be required
Psychology	6.4	21.5	9.0	<<	Extensive education and/or training may be required
Education and Training	9.2	19.6	9.0	<<	Extensive education and/or training may be required
English Language	11.2	18.4	16.2	<	Expanded education and/or training may be required
Mathematics	9.2	16.9	10.9	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	12.9	8.5	<<	Extensive education and/or training may be required
Administration and Management	8.4	11.6	9.8	<	Expanded education and/or training may be required
Law and Government	5.9	10.6	10.5	0	Current knowledge level may be sufficient
Communications and Media	5.3	10.5	8.1	<	Expanded education and/or training may be required
Therapy and Counseling	3.8	9.5	3.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Social Science Research Assistants (19-4061)

Associated Occupation: Industrial-Organizational Psychologists (19-3032)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
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Critical Thinking	10.8	14.8	11.1	<<	Extensive development of skills in this area may be required
Writing	9.2	14.6	11.1	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	14.1	9.6	<<	Extensive development of skills in this area may be required
Social Perceptiveness	9.1	13.6	9.0	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	13.3	7.6	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	13.2	9.8	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	12.4	7.0	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	12.3	8.1	<<	Extensive development of skills in this area may be required
Mathematics	6.2	12.0	9.0	<<	Extensive development of skills in this area may be required
Science	4.5	12.0	7.5	<<	Extensive development of skills in this area may be required
Learning Strategies	7.2	11.8	6.6	<<	Extensive development of skills in this area may be required
Programming	2.2	9.4	4.7	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 98			
Focus Occupation: Social Science Research Assistants (19-4061) Associated Occupation: Industrial-Organizational Psychologists (19-3032)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	15.7	13.3	<	Some improvement in abilities may be required
Oral Comprehension	12.5	15.4	13.6	<	Some improvement in abilities may be required
Written Comprehension	11.0	15.4	12.8	<	Some improvement in abilities may be required
Written Expression	9.8	15.4	11.8	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	14.4	11.0	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	13.2	10.4	<	Some improvement in abilities may be required
Speech Clarity	10.2	13.0	10.8	<	Some improvement in abilities may be required
Information Ordering	9.9	12.3	10.1	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	11.9	8.2	<<	Extensive improvement in abilities may be required
Originality	7.6	11.9	8.9	<<	Extensive improvement in abilities may be required

Category Flexibility	9.0	11.6	8.8	<<	Extensive improvement in abilities may be required
Mathematical Reasoning	6.3	11.6	7.7	<<	Extensive improvement in abilities may be required
Number Facility	6.3	10.1	8.4	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Social Science Research Assistants (19-4061)
Associated Occupation: Industrial-Organizational Psychologists (19-3032)

Work Activities	Exclusivity of Activity
Analyze social or economic data	63
Collect scientific or technical data	30
Collect social or personal information	70
Collect statistical data	47
Communicate technical information	4
Compile information through interviews	68
Compile numerical or statistical data	38
Conduct survey research of specified populations	95
Create mathematical or statistical diagrams or charts	43
Develop or maintain databases	30
Develop tables depicting data	33
Interpret charts or tables for social or economic research	70
Maintain awareness of social trends	71
Make presentations	13
Obtain information from individuals	24
Perform statistical modeling	76
Prepare reports	8
Prepare technical reports or related documentation	22
Recognize interrelationships among individuals or social groups	74
Recognize interrelationships among social statistics or indicators	77
Use computers to enter, access or retrieve data	3
Use conflict resolution techniques	56
Use current social research	62
Use interpersonal communication techniques	10
Use interviewing procedures	23
Use knowledge of investigation techniques	16
Use library or online Internet research techniques	21
Use mathematical or statistical methods to identify or analyze problems	30
Use oral or written communication techniques	1
Use public speaking techniques	13
Use quantitative research methods	35

Use relational database software	26
Use scientific research methodology	21
Use spreadsheet software	18
Use word processing or desktop publishing software	17
Work as a team member	36

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 81

Focus Occupation: Social Science Research Assistants (19-4061)

Associated Occupation: Industrial-Organizational Psychologists (19-3032)

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Data management and query software	1
Development software	4
Industry specific software	1
Information exchange software	1
Network applications software	1
Projectors and supplies	13

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.